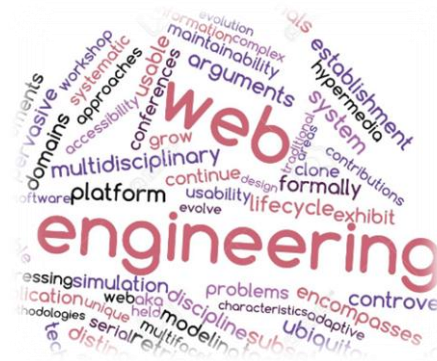


# Basic Technologies for Web Engineering

## Building a Web Application that allows the navigation and search of mail

# Nayef Roqaya - Ahmad Alzeitoun



# Outlines:

- ☐ Introduction (Node.js).
- ☐ Problem statement.
- ☐ Approach.
- ☐ Implementation.
- ☐ Evaluation.
- ☐ Summary.
- ☐ Future work.



# Introduction:

- ❖ **Node.js** is open source and its applications are written in JavaScript.
- ❖ **Node.js** is a platform that built on Chrome's JavaScript runtime for building **flexible**, **scalable** and fast network applications.
- ❖ **Node.js** relays on many concepts such as event-driven, non-blocking model that makes it perfect and efficient for **data-intensive real-time applications** which run through **distributed** devices.

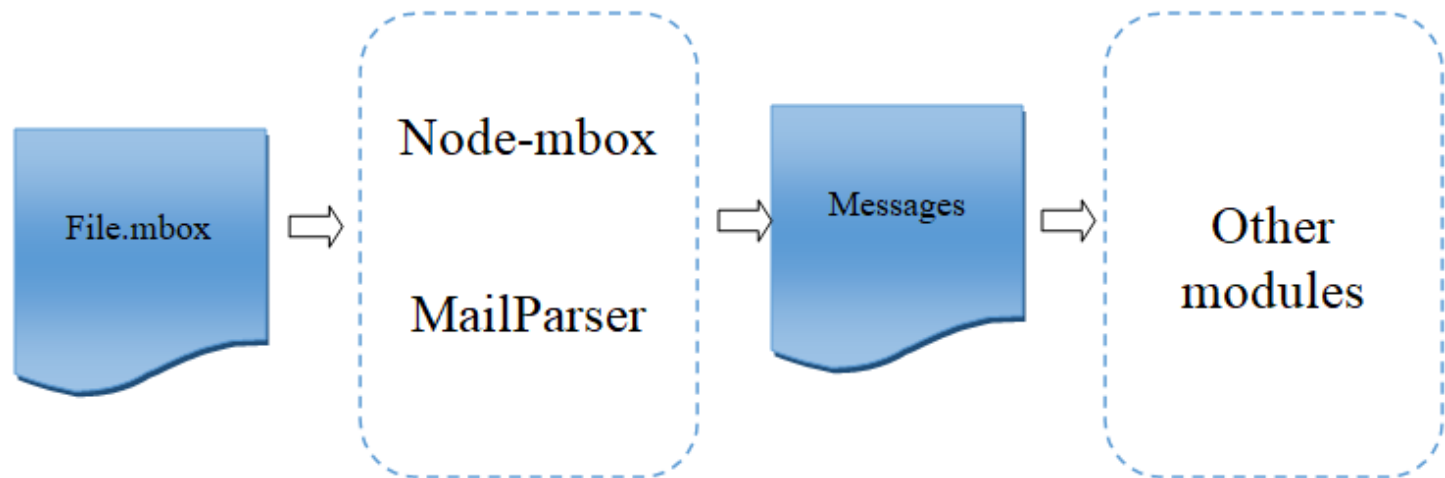


# Problem Statement:

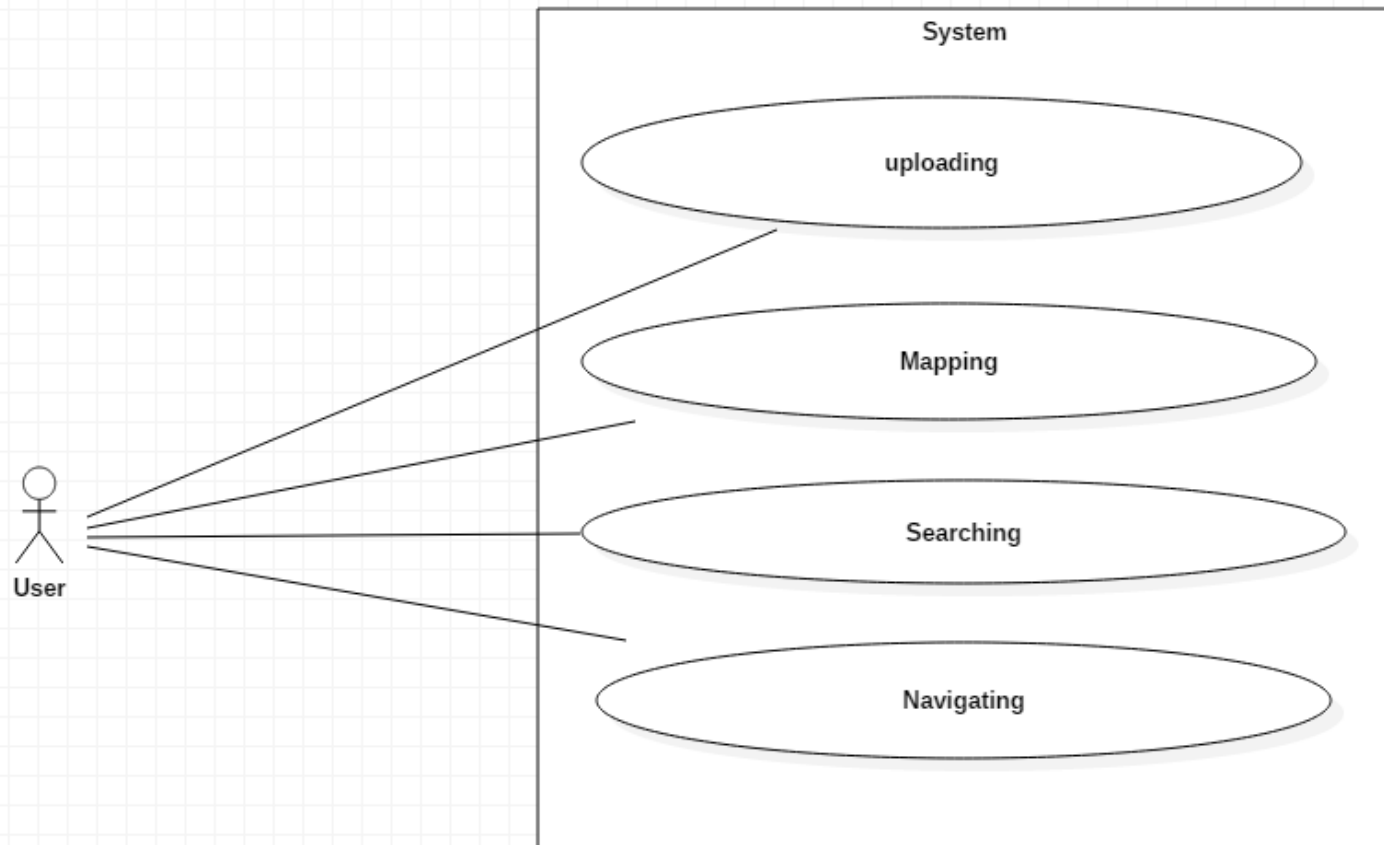
- ❑ Implement a **server-side** component with the **node.js** platform which allows the development of server-side JavaScript applications (**Mbox** ).



# Approach :



# Implementation:

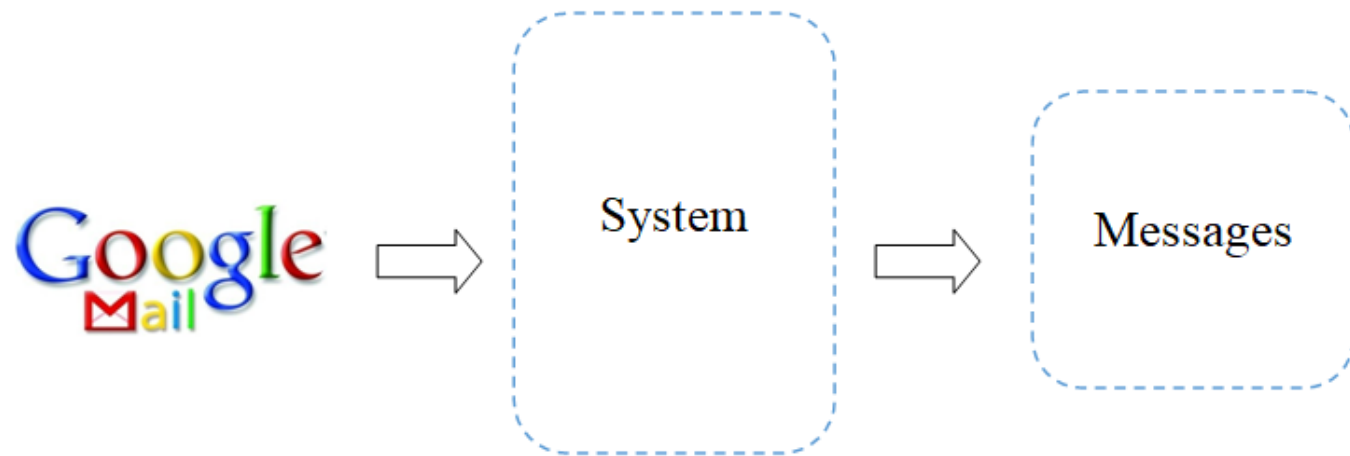


# Implementation:

functions	Explain
Searching	Search the message depending on the all possible parameters.
Navigating	Next and back press button
Mapping	By simple parsing to extract the information from the message
Uploading	Uploading mbox file as an input to our system.



# Evaluation:







# Evaluation:

## Web Engineering Project SS17

[upload](#) [inbox](#)



### Mail Archiving

Check out your mail archives below!

#### Web Eng Subject

From: usman@info.co  
10/17/2004

#### Exercise 7a Anti-Virus Scanning

From: Adam@Outside.COM  
10/17/2004

#### Extending contract

From: Adam@Outside.COM  
10/17/2004

#### Meeting next week

From: usman@info.co  
10/17/2004

## Conclusions:

- Implementing this type of the system gives the system many extra properties such as distributed, flexibility and easy use.
- **npm** and its structure make difficult to find trustable packages.
- **Node.js** is faster for loading and navigating



## Future work:

Intergradations with API such as  
Google API





**Thanks for listening!**